

Date: Tue, 14 Dec 93 04:30:53 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #110
To: Ham-Space

Ham-Space Digest Tue, 14 Dec 93 Volume 93 : Issue 110

Today's Topics:

 APT-Satellites: Report DEC 11, 1993
 DOVE Transmitting?
 Free Radio Bands Questions
 Nasa space link
 New To Satellites
 Space Camp BBS
Weather Satellite Radio Report 1/1993

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 13 Dec 1993 08:27:41 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
usenet.ins.cwru.edu!nigel.msen.com!yale.edu!newsserver.jvnc.net!gmd.de!
peter.henne@gmd.de@network.ucsd.edu
Subject: APT-Satellites: Report DEC 11, 1993
To: ham-space@ucsd.edu

Observed at station 50.7 NLat, 7.1 ELon, DEC 11, 1993

NOAA-9: APT 137.62 On
NOAA-10: APT 137.50 *OFF*
NOAA-11: APT 137.62 On
NOAA-12: APT 137.50 On
Meteor 2-21: APT 137.85 ?? *
Meteor 3-3: APT 137.30 *OFF*
Meteor 3-5: APT 137.30 On

NOAA-10 APT is off due to VHF-conflict with NOAA-12.
Meteor 3-3 approaches morning terminator, APT is off.
Meteor 2-21 too orbits around the day/night-boundary,
but Mike Kenny (Bureau of Meteorology, Melbourne, Australia)
received APT on DEC 08.
Meteor 3-5 transmits good vis-APT from noon-ascending passes,
but still uses 20 lpm-format for IR-imaging from dark parts
of the orbit (channel-switching occurs at 65 deg NLat now).

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|Peter Henne (peter.henne@gmd.de)      |
|      (henne@gmd.de)                  |
|German Nat.Research Center.f.Comp.Science |
|D-5205 St.AUGUSTIN 1                  |
|Fed.Rep. of Germany                   |
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Date: 13 Dec 93 16:26:14 GMT
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!
billg@network.ucsd.edu
Subject: DOVE Transmitting?
To: ham-space@ucsd.edu

I've been away from amateur radio awhile as my HT batteries died and I never replaced them. What I want to know is, is the DOVE microsat still transmitting? Did they ever get the voice portion of the transmission working? At what time does it pass near enough to the San Francisco bay area for me to hear it? I've been listening for it for several days now for hours at a time at random portions of the day and have heard nothing. I have not been monitoring in the middle of the night however.

Thanks!!

- Bill G

Date: Mon, 13 Dec 1993 17:27:17 GMT
From: yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!uum1!kksys.com!edgar!technix!
c1mpls!roesler@uunet.uu.net
Subject: Free Radio Bands Questions
To: ham-space@ucsd.edu

mb7s@fermi.clas.Virginia.EDU (Mikhail Boukhny) writes:
: Someone has asked me recently what if he wants to build a competing network

: for cellular phones. Are there any gaps yet in the bandwidth? Whom should he
: ask to? Federal Communication Commission? Any information would be appreciated.

No such luck, Mike. There are some upcoming initiatives before the FCC regarding spectrum expansion for wireless LAN networks, PCS, and digital messaging, etc., but nothing that's available for the public. Any new spectrum allocation will almost certainly be accompanied by a license lottery, for which the applicant must post significant bond as proof of his/her ability to build a system.

SMR, which was more akin to the older style 'mobile operator' phone system has undergone significant changes in the last few years, and is very cellular-like, although you don't really use cells, and roaming options are quite limited. SMR operators are employing these systems on the existing SMR spectrum.

PCS is also getting a lot of attention, but the existing cellular carriers are making great strides at providing these services given their existing equipment.

I would say your friend's cash is a lot safer in the bank than it is trying to create a new communications competitor. You're better off investing in one of the existing options- getting new spectrum for your own project would cost millions and require at least 5 years of paperwork.

(My thoughts, not my employer's, who obviously disagreed with me)

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*****  
* Max Roesler | roesler@loki.ncent.mccaw.com *  
* EIS Project Manager | Minneapolis, MN; (612) 832-7653 *  
* McCaw Communications | PP-ASEL (C172); NØRGH (EN34/35) *  
*****
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Date: Mon, 13 Dec 1993 16:20:37 GMT
From: library.ucla.edu!agate!howland.reston.ans.net!usc!yeshua.marcam.com!charnel!
rat!zimmer!news@network.ucsd.edu
Subject: Nasa space link
To: ham-space@ucsd.edu

It appears that the telnet number for the Space link has changed.(I can't get in.) could someone please give me the verbose address as I have lost it, or at least the new telnet number. Thanks Norm.

norm_davis@zimmer.CSUFresno.edu

Date: 12 Dec 1993 16:01:41 GMT
From: elroy.jpl.nasa.gov!swrinde!gatech!concert!lester.appstate.edu!
usenet@ames.arpa
Subject: New To Satellites
To: ham-space@ucsd.edu

Hello everyone.

Just a quick question. I've have been tracking amateur satellites for about a year or so, listening to SAREX and the like with the shuttle, listening to beacons on other birds.

I'm interested in doing a little QSO work with these birds, but I can't seem to locate a book or anything with all the frequencies and information on the basics. Can anyone suggest a file to FTP or book to get that would explain much of it to me?

Thanks in advance...

Matt Warner, kc4yls
warnerma@vax1.elon.edu

Date: 10 Dec 1993 16:14:38 -0600
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!
zip.eecs.umich.edu!umn.edu!mr.net!news.cord.edu!cobber.cord.edu!not-for-
mail@network.ucsd.edu
Subject: Space Camp BBS
To: ham-space@ucsd.edu

Some time ago I heard that NASA had created a computer BBS at one of their space camp sites and attached it to the INTERNET somewhere. Can anyone verify this and mail me their INTERNET address?

Thanks
Dan Thureen

thureen@cobber.cord.edu

Date: Sun, 12 Dec 93 19:59:00 +0200
From: agate!howland.reston.ans.net!pipex!sunic!EU.net!news.eunet.fi!fuug!compart!
leo.wikholm@ames.arpa
Subject: Weather Satellite Radio Report 1/1993
To: ham-space@ucsd.edu

WEATHER SATELLITE RADIO REPORT 1/1993

December 12, 1993. Helsinki, Finland.
Finnish Weather Satellite Group

Status of polar-orbiting weather satellites:

satellite	frequency	status
NOAA 9	137,620 MHz	after 17 UT. 2 x IR pictures
NOAA 10	137,500 MHz	normal
NOAA 11	137,620 MHz	normal. 2 x IR pictures after 14.40 UT
NOAA 12	137,500 MHz	normal
METEOR 2-21	137,400 MHz	not active. weak signal in Sep 93
METEOR 3-3	137,300 MHz	occasional
METEOR 3-5	137,300 MHz	normal + additional data signal (*)

*) Meteor 3-5 sends normal visible channel pictures. When the satellite crosses +60N latitude the additional data signal is detected.

Please send your observations or comments to:

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internet: leo.wikholm@compart.fi
FidoNet : 2:220/861

End of Ham-Space Digest V93 #110

